

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Currently amended) A fluid composition for a refrigerator, which comprises a chlorine-free fluorocarbon refrigerant and a refrigerator oil, said refrigerator oil consisting essentially of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid, said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 2. (Previously presented) The fluid composition according to claim 1 wherein said refrigerator oil has a pour point of -20°C to -80°C.

Claim 3. (Original) The fluid composition according to claim 1 wherein said 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid are in a molar ratio of 1:1.

Claim 4. (Currently amended) The fluid composition according to claim 1 which additionally contains 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds, ~~aryloxirane compounds, alkyloxirane compounds, alicyclic epoxy compounds~~ and epoxidized fatty acid monoesters.

Claim 5. (Original) The fluid composition according claim 1 which additionally contains at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters.

Claim 6. (Previously presented) The fluid composition according to claim 1 which additionally contains at least one additive selected from the group consisting of phenol antioxidants, amine antioxidants, wear resistant additives, extreme pressure agents, oiliness improvers, antifoaming agents and metal inactivators.

Claim 7. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~

refrigerator oil, said refrigerator oil being as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid, said refrigerator oil exhibiting a pour point not higher than -10°C .

Claim 8. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; and 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds, ~~aryloxirane compounds, alkyloxirane compounds, alicyclic epoxy~~

~~compounds~~ and epoxidized fatty acid monoesters and said refrigerator oil exhibiting a pour point not higher than -10°C .

Claim 9. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1—500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and A, 5, 5-trimethylhexanoic acid; and at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes and said refrigerator oil exhibiting a pour point not higher than -10°C .

Claim 10. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1—500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; and 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 11. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and ,3,5,5-trimethylhexanoic acid; and not more than 10% by weight of at least one additive selected from the group consisting of phenol antioxidants, amine antioxidants, wear resistant additives, extreme pressure agents, oiliness improvers, antifoaming agents and metal inactivators and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 12. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes; and 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds, ~~aryloxirane compounds~~, ~~alkyloxirane compounds~~, ~~alicyclic epoxy compounds~~ and epoxidized fatty acid monoesters and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 13. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~

refrigerator oil, said refrigerator oil being as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid;
0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds, ~~aryloxirane compounds~~, ~~alkyloxirane compounds~~, ~~alicyclic epoxy compounds~~ and epoxidized fatty acid monoesters; and 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters and said refrigerator oil exhibiting a pour point not higher than 10°C.

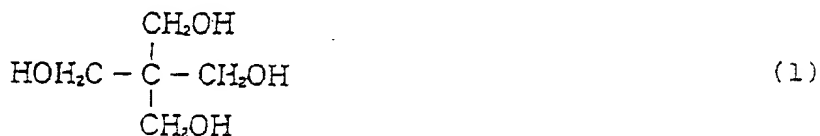
Claim 14. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~

refrigerator oil, said refrigerator oil being as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters; and not more than 10% by weight of at least one additive selected from the group consisting of phenol antioxidants, amine antioxidants, wear resistant additives, extreme pressure agents, oiliness improvers, antifoaming agents and metal inactivators and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 15. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes; and 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 16. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil being as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy~~

~~compounds, glycidyl ester epoxy compounds, aryloxirane compounds,~~
~~alkyloxirane compounds, alicyclic epoxy compounds~~ and epoxidized fatty
acid monoesters; and not more than 10% by weight of at least one additive
selected from the group consisting of phenol antioxidants, amine
antioxidants, wear resistant additives, extreme pressure agents, oiliness
improvers, antifoaming agents and metal inactivators and said
refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 17. (Currently amended) A fluid composition for a refrigerator,
which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500~~
~~parts by weight based on 100 parts by weight of said refrigerant of a~~
refrigerator oil, said refrigerator oil consisting of as a major
component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least
one conventional oil selected from the group consisting of paraffinic
mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes;
and not more than 10% by weight of at least one additive selected from
the group consisting of phenol antioxidants, amine antioxidants, wear
resistant additives, extreme pressure agents, oiliness improvers,

antifoaming agents and metal inactivators and said refrigerator oil exhibiting a pour point not higher than -10°C .

Claim 18. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and 1—500 ~~parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes; 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds, ~~aryloxirane compounds, alkylloxirane compounds, alicyclic epoxy compounds~~ and epoxidized fatty acid monoesters; and 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid

phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters and said refrigerator oil exhibiting a pour point not higher than -10°C .

Claim 19. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes; 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and phosphorous esters; and not more than 10% by weight of at least one additive selected from the group consisting of phenol antioxidants, amine antioxidants, wear resistant additives, extreme pressure agents,

oiliness improvers, antifoaming agents and metal inactivators and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 20. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and 1—500 ~~parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds, ~~aryloxirane compounds~~, ~~alkyloxirane compounds~~, ~~alicyclic epoxy compounds~~ and epoxidized fatty acid monoesters; 0.1-5.0% by weight based on the total amount of said refrigerator oil of at least one phosphorus compound selected from the group consisting of phosphoric esters, acid phosphoric esters, amine salts of acid phosphoric esters, chlorinated phosphoric esters, and

phosphorous esters; and not more than 10% by weight of at least one additive selected from the group consisting of phenol antioxidants, amine antioxidants, wear resistant additives, extreme pressure agents, oiliness improvers, antifoaming agents and metal inactivators and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 21. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes; 0.1-5%, by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds, ~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds,

~~allyloxirane compounds, alkylloxirane compounds, alicyclic epoxy~~
~~compounds~~ and epoxidized fatty acid monoesters; and not more than 10% by weight of at least one additive selected from the group consisting of phenol antioxidants, amine antioxidants, wear resistant additives, extreme pressure agents, oiliness improvers, antifoaming agents and metal inactivators and said refrigerator oil exhibiting a pour point not higher than -10°C.

Claim 22. (Currently amended) A fluid composition for a refrigerator, which consists of a chlorine-free fluorocarbon refrigerant and ~~1-500 parts by weight based on 100 parts by weight of said refrigerant of a~~ refrigerator oil, said refrigerator oil consisting of as a major component a tetraester of pentaerythritol of formula (1)



with both 2-ethylhexanoic acid and 3,5,5-trimethylhexanoic acid; at least one conventional oil selected from the group consisting of paraffinic mineral oils, naphthenic mineral oils, poly α -olefins and alkylbenzenes; 0.1-5% by weight based on the total amount of said refrigerator oil of at least one epoxy compound, said epoxy compound being a member selected from the group consisting of phenylglycidyl ether epoxy compounds, alkylphenylglycidyl ether epoxy compounds,

~~alkylglycidyl ether epoxy compounds~~, glycidyl ester epoxy compounds,
~~allyloxirane compounds, alkyloxirane compounds, alicyclic epoxy~~
~~compounds~~ and epoxidized fatty acid monoesters; 0.1-5.0% by weight based
on the total amount of said refrigerator oil of at least one phosphorus
compound selected from the group consisting of phosphoric esters, acid
phosphoric esters, amine salts of acid phosphoric esters, chlorinated
phosphoric esters, and phosphorous esters; and not more than 10% by
weight of at least one additive selected from the group consisting of
phenol antioxidants, amine antioxidants, wear resistant additives,
extreme pressure agents, oiliness improvers, antifoaming agents and
metal inactivators and said refrigerator oil exhibiting a pour point not
higher than -10°C.